Contents

Sedimentary Geology, Volume 64, 1989

Lower Permian sediment-gravity-flow sequence, eastern California C.H. Stevens (San Jose, Calif., U.S.A.), M.S. Lico (Carson City, Nev., U.S.A.) and P. Stone (Menlo	
Park, Calif., U.S.) Nodular and enterolithic gypsum: the "sabkha-tization" of Salt Flat playa, west Texas	1
M. Hussain (Alpine, Texas, U.S.A.) and J.K. Warren (Adelaide, S.A., Australia)	13
Sedimentology of the cold-climate, coal-bearing, Lower Permian "Lower Freshwater Sequence" of Tasmania	
I.P. Martini (Guelph, Ont., Canada) and M.R. Banks (Hobart, Tasmania, Australia)	25
M.J. DiMarco (Baton Rouge, La., U.S.A.) and D.R. Lowe (Stanford, Calif., U.S.A.)	43
Mytilinii basin, Samos Island, Greece	
M.G. Stamatakis (Athens, Greece), J.R. Hein (Menio Park, Calif., U.S.A.) and A.C. Magganas (Athens,	
Greece) Pyrite mineralization in microbial mats from the mid-Proterozoic Newland Formation, Belt Supergroup,	65
Montana, U.S.A. J. Schieber (Arlington, Texas, U.S.A.)	79
Continental sedimentation in an evolving rift basin: the Lower Cretaceous of the western Cameros Basin (northern Spain)	
N.H. Platt (Bern, Switzerland)	91
Evolution of a mid-Cretaceous carbonate platform, Gorbea (northern Spain)	444
P.A. Fernández-Mendiola and J. García-Mondéjar (Bilbao, Spain)	111
A.M. Smith (Pretoria, Republic of South Africa)	127
Windward-leeward effects on Triassic carbonate bank margin facies of the Dolomites, northern Italy	
W. Blendinger and E. Blendinger (Tübingen, F.R.G.) The equilibrium and entrainment of a sediment grain	143
J.C. Tipper (Canberra, A.C.T., Australia)	167
An ebb-tide delta depositional model—a comparison between the modern Eastern Scheldt tidal basin (southwest Netherlands) and the Lower Eocene Roda Sandstone in the southern Pyrenees (Spain)	
C.S. Yang and S.D. Nio (Utrecht, The Netherlands)	175
Short Note	
Occurrence of barite-bearing mud balls within the Mio-Pleistocene terrestrial sand (Kuwait Group) in southern Kuwait, Arabian Gulf	
F.I. Khalaf and M.I. El-Sayed (Safat, Kuwait)	197
Book Reviews	
Hydrous Phyllosilicates (Exclusive of Micas) edited by S.W. Bailey - B. Velde	203
Aeolian Dust and Dust Deposits by K. Pye-D.W. Humphries	204

Special Issue

Sedimentology and Diagenesis of Evaporites

Edited	by	R.W.	Renaut
--------	----	------	--------

Introduction	999
Continental brines and evaporites of the northern Great Plains of Canada	
W.M. Last (Winnipeg, Manit., Canada)	207
Modern, non-marine dolomite in evaporitic playas of western Victoria, Australia	
P. De Deckker (Canberra, A.C.T., Australia) and W.M. Last (Winnipeg, Manit., Canada)	223
Sedimentology of the saline lakes of the Cariboo Plateau, Interior British Columbia, Canada	
R.W. Renaut (Saskatoon, Sask., Canada) and P.R. Long (North York, Ont., Canada)	239
Comparison of composition and concentration of some lagoonal and continental brine lakes	
P.P. Hudec and P. Sonnenfeld (Windsor, Ont., Canada)	265
Brine mixing in the Middle Devonian of western Canada and its possible significance to regional dolomitization	
A.C. Kendali (Toronto, Ont., Canada)	271
Fluid inclusion evidence for the deposition and diagenesis of the Patience Lake Member of the	
Devonian Prairie Evaporite Formation, Saskatchewan, Canada	
D.B.L. Chipley and T.K. Kyser (Saskatoon, Sask., Canada)	287

